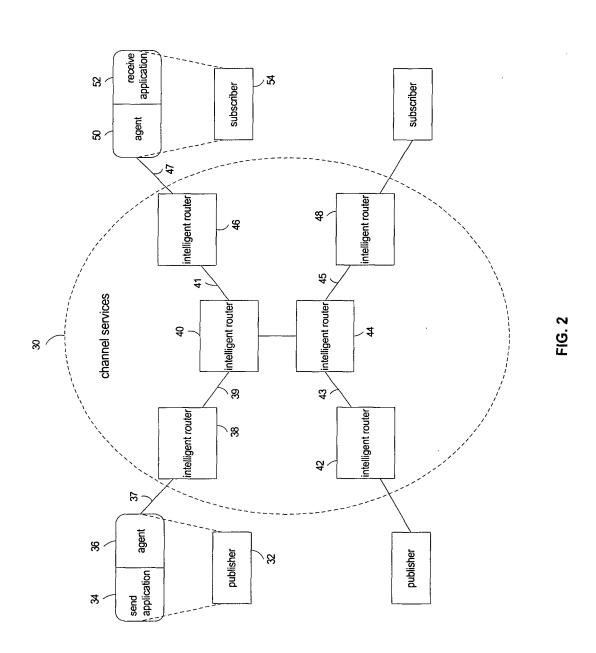
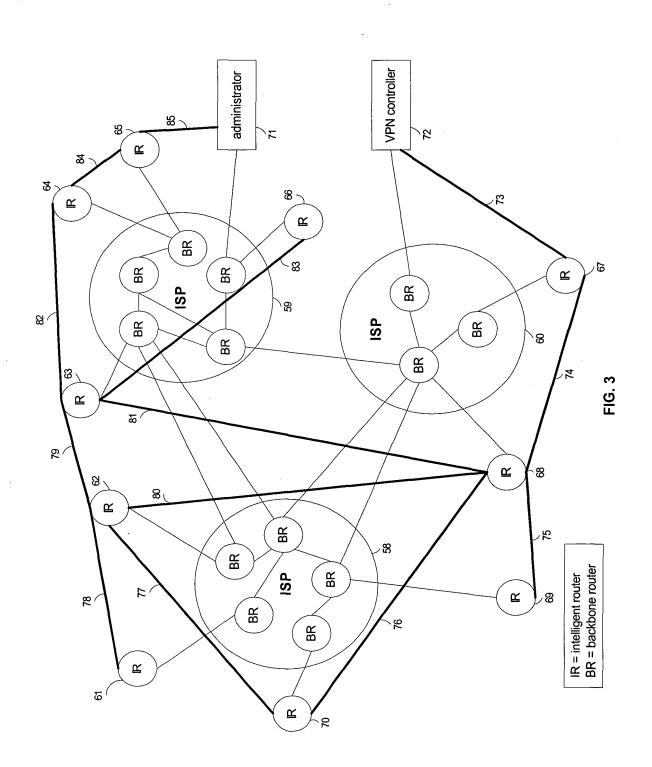
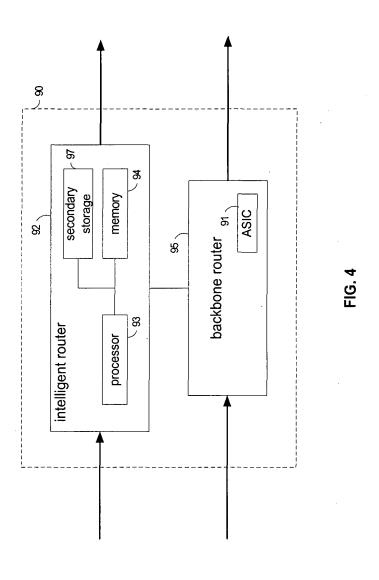


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Inventor(s): Shalini YAJNIK, et al.
Contact Name: Sean S. Wooden (202) 442-3000
Attorney Docket N .: 33078/US/2

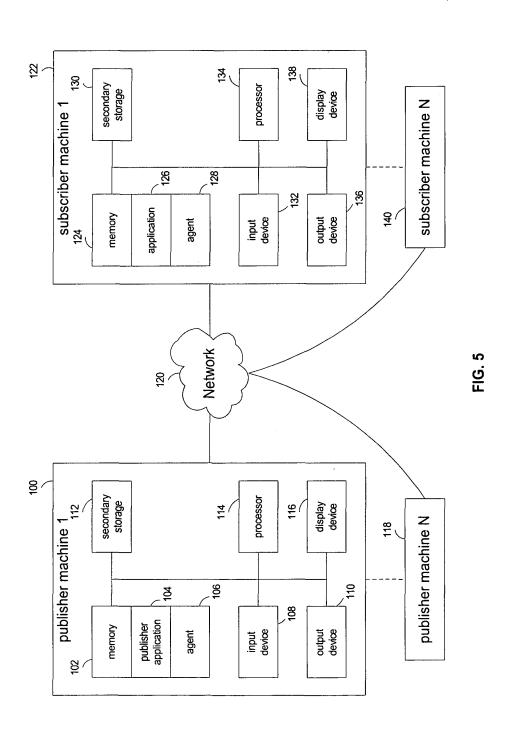




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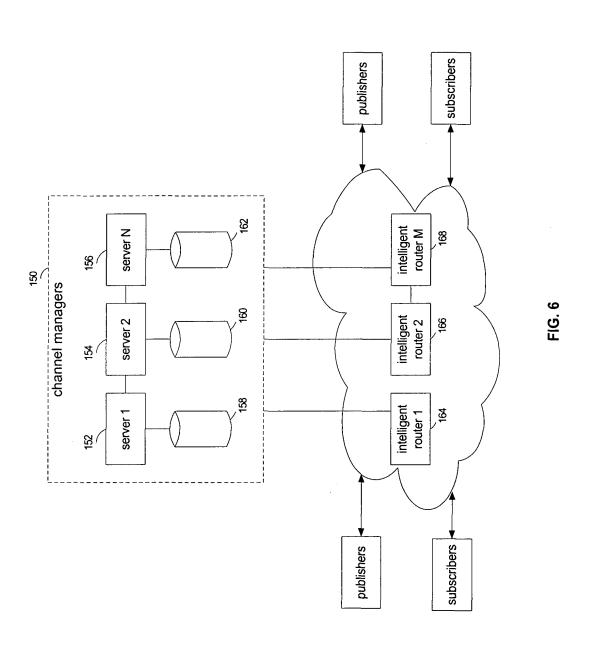
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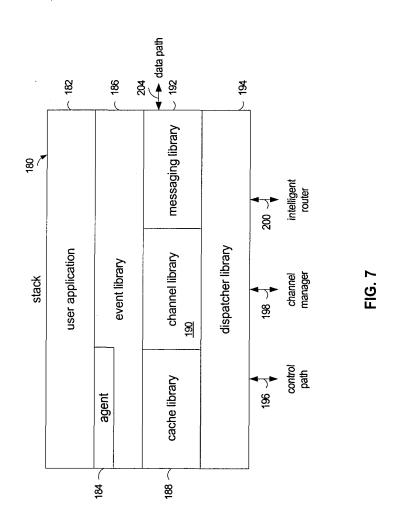
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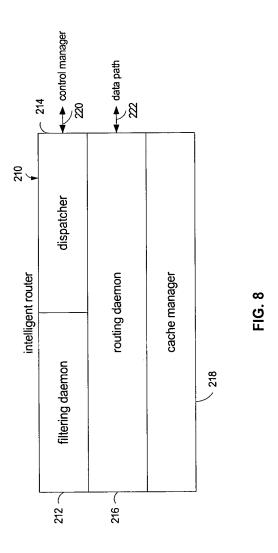
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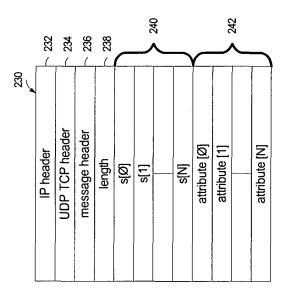


FIG. 9

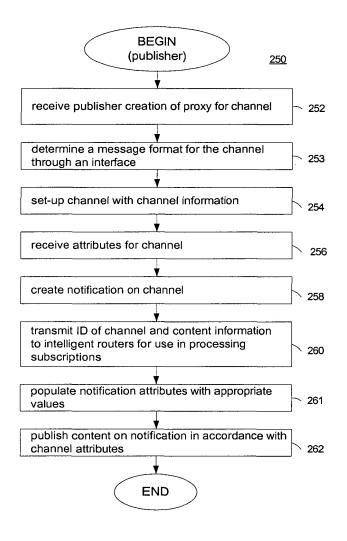


FIG. 10

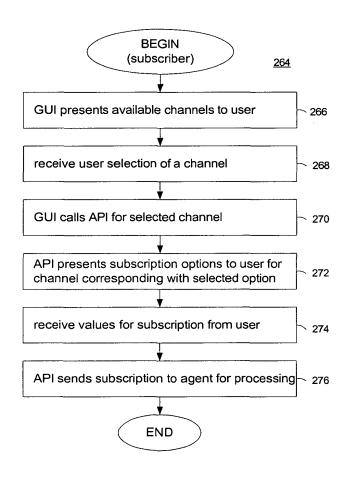
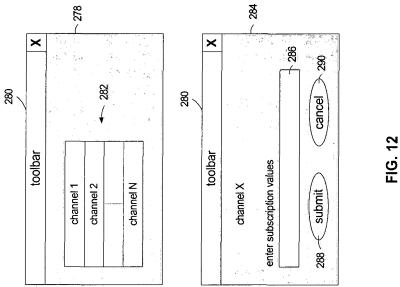


FIG. 11

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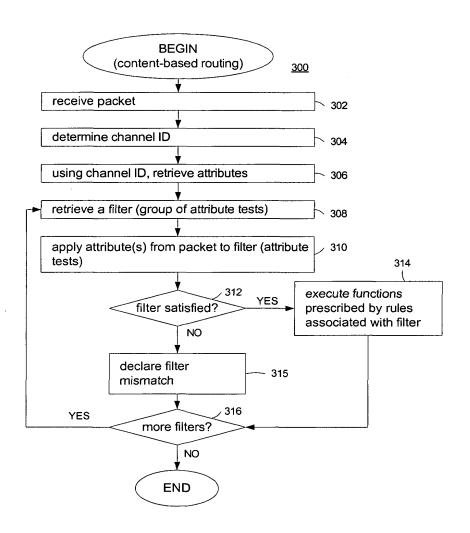


FIG. 13

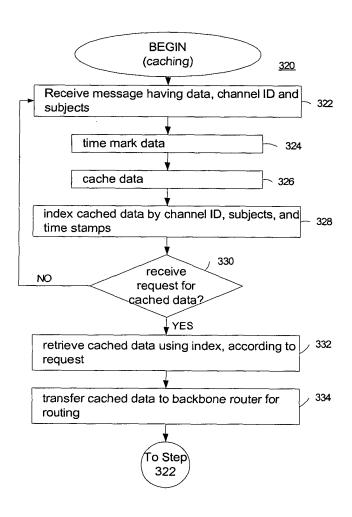
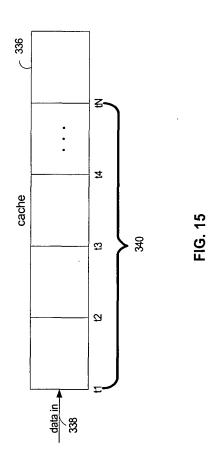


FIG. 14

Title: CACHING WITH SELECTIVE MULTICASTING IN A PUBLISH-SUBSCRIBE NETWORK



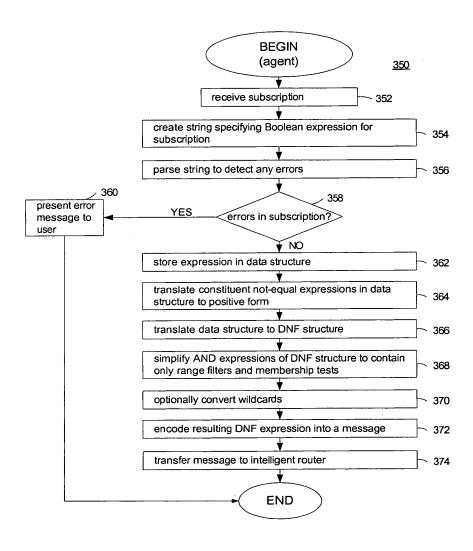


FIG. 16

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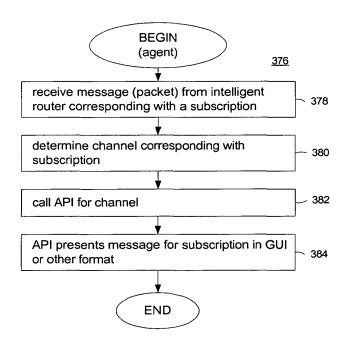


FIG. 17

388	in message) (assumed)) (assumed)	Session ID (assumed)	number (assumed)	Number of subject field	Subject ID for SUBSCRIPTION	Subscription ID (assumed)	Number of attribute tests	padding to 4 bytes	Encoding of and symbol = =	Encoding of and volume between	of price >=	of operand of symbol ==	Operand of symbol = = (2 characters + 2 bytes padding)	of price >=	of volume between	Second operand of volume between
	Bytes in	Channel ID	Publisher ID	Publisher Sessi	Sequence nun	pesnun	Subject ID for#	Port number (assumed)	Number of subject filter fields	Subject ID for >	Encoding of price >=	Encoding of price >=	Operand	Size of operar	Operand o (2 characters +	Operand of price	First operand or	Second operand

386	-		3001	9509384	39	2	S	0	4	0	1 0000001 01100 011	1 0000010 01100 010	10		NUL NUL	10	00	000
	72	2				0	0	5688	-	5	0 0000000 00110 001	0 0000000 00110 001	1	2	Π	_	1000	10000

FIG. 18

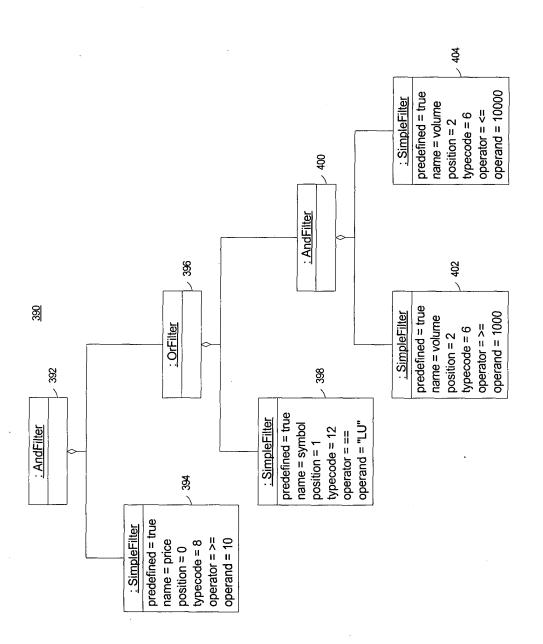


FIG. 19

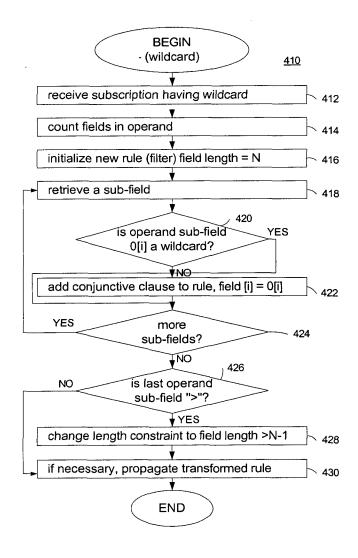
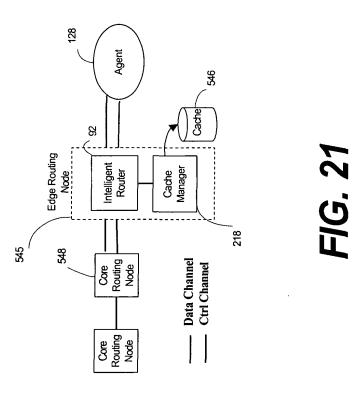


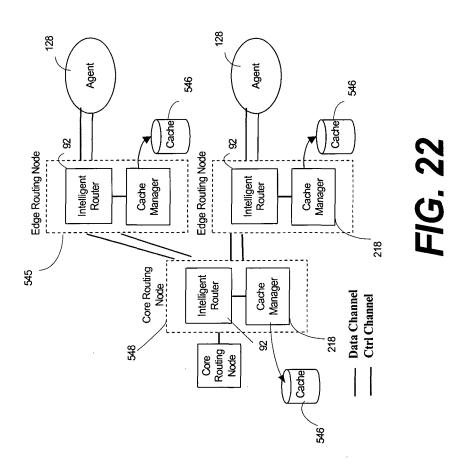
FIG. 20

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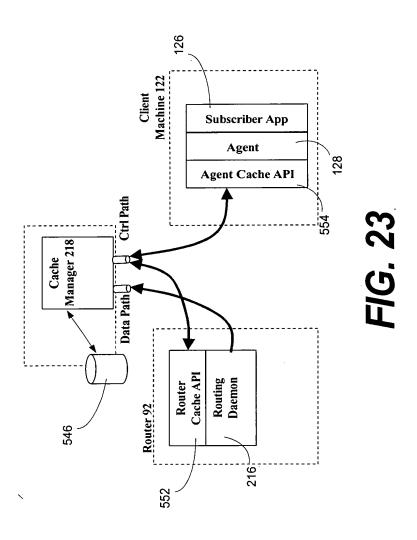
Contact Name: Sean S. Wooden (202) 442-3000

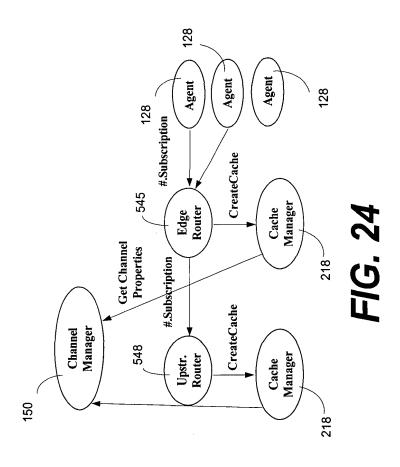
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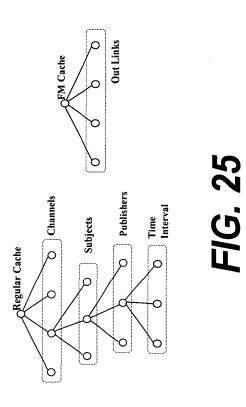




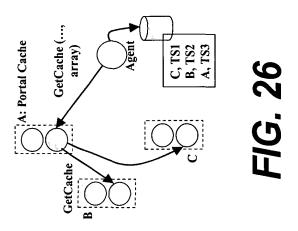
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Contact Name: Sean S. Wooden (202) 442-3000

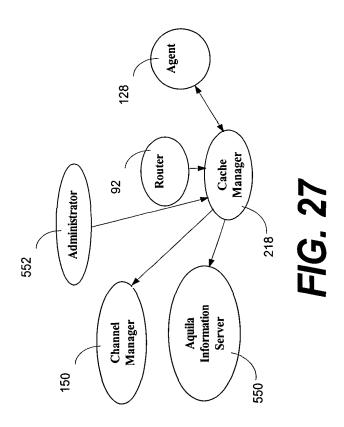
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